

Curtain walling - Watertightness - Laboratory test under static pressure

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under static pressure

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12155:2000 sisaldab Euroopa standardi EN 12155:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 15.11.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12155:2000 consists of the English text of the European standard EN 12155:2000.</p> <p>This document is endorsed on 15.11.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This standard defines the method to be used to determining the watertightness of curtain walling, both its fixed and openable parts. It describes how the outside face of the specimen should be subjected to a continuous film of water with a positive static air pressure. This standard applies to curtain walling in accordance with prEN 13830:2000.</p>	<p>Scope:</p> <p>This standard defines the method to be used to determining the watertightness of curtain walling, both its fixed and openable parts. It describes how the outside face of the specimen should be subjected to a continuous film of water with a positive static air pressure. This standard applies to curtain walling in accordance with prEN 13830:2000.</p>
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ICS 91.060.10

Võtmesõnad:

ICS 91.060.10

English version

Curtain walling

Watertightness – Laboratory test under static pressure

Façades rideaux – Détermination de
l'étanchéité à l'eau – Essai de labora-
toire sous pression statique

Vorhangfassaden – Schlagregen-
dichtheit – Laborprüfung unter
Aufbringung von statischem Druck

This European Standard was approved by CEN on 1999-10-06.

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 33 "Doors, windows, shutters, building hardware and curtain walling", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2000, and conflicting national standards shall be withdrawn at the latest by December 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This European Standard is part of a series of European standards dedicated to curtain walling products.

This European Standard forms part of a series of curtain walling performance requirements as defined in the product standard prEN 13830:2000.

1 Scope

This standard defines the method for determining the watertightness of curtain walling, both its fixed and openable parts.

It describes how the outside face of the specimen should be subjected to a continuous film of water with a positive static air pressure.

NOTE This standard applies to curtain walling in accordance with prEN 13830: 2000.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate points in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these listed publications apply to this European Standard only when incorporated into it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 12154:1999 Curtain walling - Watertightness - Performance requirements and classification

prEN 13119:1997 Curtain walling - Terminology.

3 Definitions

For the purposes of this standard, the definitions given in prEN 13119: 1997, together with the following, apply:

3.1

test pressure

differential pressure between the two faces of the test specimen, expressed in Pascals (Pa).

3.2

positive pressure

when the outer face is subjected to higher pressure than inner face.

3.3

watertightness

ability of the curtain walling to resist water leakage.

3.4

water leakage

penetration of water that would continuously or repeatedly wet parts of:

- the inside face of the test specimen.
- any parts of the specimen intended to remain dry, not being part of the water drainage system to the outside.